

APPENDIX E

STREET LIGHTING REQUIREMENTS

<u>Street Type</u>	<u>Pavement Width</u>	<u>Right-of-Way Width</u>	<u>Minimum-Maximum Distance (1.)</u>	<u>Lumens (2.)</u>
Minor/Local	22-28'	50-60'	195-260'	9,500
Collector/ Commercial	36-48'	60-80'	195-260' 225-350'	9,500 16,000
Divided Roads	25-37' (2 each)	80-200'+	195-260' (4.) 225-350' (4.) 275-450' (4.)	9,500 16,000 (5.) 25,500 (5.)

Notes:

1. Distances are measured along centerline of road. Shorter distances may apply in the vicinity of street intersections.
2. All lights shall be High Pressure Sodium Vapor with elliptical lighting pattern. Due to this lighting pattern, it is recommended that street lights not be installed within the radius of a cul-de-sac.
3. Where practical, lights shall be located on alternating sides of roadway.
4. Distance applies to each side of a divided roadway, i.e. double the number of lights.
5. For boulevard streets, double-arm steel standards in the median may be utilized with 16,000 lumen and 25,500 lumen lights. Light standards and electrical conduit should not conflict with public facilities in the right-of-way.
6. For acceptable street light standards, refer to the City of Sugar Land Approved Products List.
7. All street light fixtures shall be full cut-off fixtures to minimize light pollution.